SECTION – B
SHORT QUESTION

Q. (2) What is Physics? Name of few branches of Physics.

Q. (3) What are fundamental and derived units?

Q. (4) A body starting from rest acquires a velocity of 10 m/s in 5 seconds. Calculate the distance covered by the body in 5 seconds.

Q. (5) How can a vector be represented in magnitude and direction both?

Q. (6) Define centre of gravity. How would you locate the centre of gravity of an irregular place of a metal sheet?

Q. (7) What is centripetal force? Give examples of a body moving in circular path.

Q. (8) A box is pushed 5 m across a level surface by a horizontal force of 200 N, how much work is done on the box?

Q. (9) What is an inclined plane and how does it help in doing work?

Q. (10) What is atmospheric pressure? How will you measure it?

Q. (11) A car of mass 1000 kg traveling at 72 km/h is uniformly brought to rest over a distance of 40 m. find the average acceleration.

Q. (12) How is rainbow formed?

Q. (13) What do you understand by capacitor and its capacitance. Define its unit.